Effective on	0/01/2008	Complete if Known		
AP Fees pursuant to the Consolidated Ap	propriations Act, 2005 (H.R. 4818).	Application Number	10/660,655	
O I SFEE TRAN	ISMITTAL	Filing Date	September 12, 2003	
43 30/0 m) EOB E	17 2010 H		GEUM, Chang-Seok	
FEB 1. F. LOK I.	1 2009	Examiner Name	Tadayyon Eslami Tabassom	
poplicant claims small entity	status. See 37 CFR 1.27	Art Unit	1792	
TARBUAL AMOUNT OF PAYMENT	(\$) 1300.00	Attorney Docket No.	8734.230 US	

ME	THOD OF PAYMENT	(check all that	apply)					
	Check	Credit Care	d Mor	ney Order	None	Other (plea	ase identify):	
	Deposit Account	Depo	osit Account Nur	nber: 50-0911	Depo	sit Account Na	me: <u>McKenna l</u>	Long & Aldridge LLP
	For the above-i	identified dep	oosit account, th	e Director is he	reby authorized	to: (check all	that apply)	
		· e(s) indicated:			_			cept for the filing fee
		` .			5-7	• • •		oope to: u.og
	under 37 (CFR 1.16 an			·	dit any overpay		
1	WARNING: Information on tenformation and authorization	this form may be on on PTO-2038.	ecome public. Cred	it card information	should not be inclu	ided on this form.	Provide credit card	
FE	E CALCULATION	70-00		···	*****			
1.	BASIC FILING, SEAR	RCH. AND E	XAMINATION F	EES				
••	27,0,0 , ,2,0, 02,	FILING	FEES		H FEES	EXAMINA [*]	TION FEES	
	Application Type	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
	Utility	330	165	540	270	220	110	
	Design	220	110	100	50	140	70	
	Plant	220	115	330	165	170	85	
	Reissue	330	165	540	270	650 0	325 0	
	Provisional	220	110	0	0	U	U	
2.	EXCESS CLAIM FEE	S						Small Entity
	Fee Description							Fee (\$) Fee (\$)
	Each claim over 20							52 26 220 110
	Each independent c		including Reissi	ies)				390 195
	Multiple dependent	Extra Claim	s Fee (\$)	Fee	Paid (\$)		Multiple D	Dependent Claims
				52 = <u>0</u>			Fee (\$)	Fee Paid (\$)
	HP = highest number of						0	0
	Indep. Claims	Extra Claim			Paid (\$)			
			x \$2					
	HP = highest number of							
વ	APPLICATION SIZE							
٠.	If the specification and	 I drawings ex	ceed 100 sheet	s of paper, the	application size	fee due is \$27	0 (\$135 for sma	II entity) for each
	additional 50 sheets or	r fraction the	reof. See 35 U.S	S.C. 41 (a)(1)(0	3) and 37 CFR	ا.16(s). ،		
		Extra Sheets			50 or fraction th		Fee(\$	5) Fee Paid (\$) = 0
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	OTHER FEE(S) Non-English Specifical	tion \$120 for	o (no small ontit	v discount)				1.000 . 0.10 141
	Other (e.g., late filing s		EOT	y discount)				490.00
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			RUE					
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SUBMITTED BY						
Signature	MA	Registration No.50,961 (Attorney/Agent)	Telephone (202) 496-7500			
Name (Print/Type)	Michael P. Alexander	Date February 2, 2010	Date February 2, 2010			